Computing Systems Services Technical Bulletin

Number: 0051
Issued Date: June 13, 1984
Effective Date: June 14, 1984
Section/Groups:
Submitted By:
Approved By:

Protocol Converter Procedure

The State Data Processing Division is taking some exciting steps in the area of Data Communications. This past year Virtual Telecommunications Access Method (VTAM) was installed and we have converted many of the data circuits to this access method. VTAM will make it possible for the State of Utah to accomplish many of its goals in the area of Data Processing and Data Communications. It is our objective to make it as easy as possible for you as we work to accomplish our networking objectives. It is unfortunate that some changes cannot be totally transparent to the end user.

The dial-up network is one area that will require an operational change. Since VTAM does not support start-stop devices, we have chosen a PCI 1076 ASCII to SNA/SDLC protocol converter as a method of supporting ASCII terminals. Through the use of the protocol converter, the ASCII device will appear to the host as a VTAM terminal.

Effective June 24, customers dialing 533-7901 or WATS line 1-800-662-9177 will be communicating through the converter. The following operating procedure will assist in the transition:

Step 1 Dial 533-7901 (or the WATS number) and press the "RETURN" key. Protocol Converter will respond with the following message:

PCI 1076-56 v6.5 40 00 9F 00 0000 0000 1u:2 PCI76

Step 2 If your terminal is a glass CRT, press "ESC", release it, then press the "CTRL" and "B" keys at the same time. (If the terminal is a paper CRT go to Step 5.) Protocol Converter will respond with the following messages:

0. PCI78	1. AJ 510	2. BEEHIVE DM78
3. VT100/TAB (VT52)	4. ADDS VIEWPOINT	5. HAZELTINE 1420, 1500, 1510
6. IBM 3101	7. LSI ADM 2/31/32	8. ADM 361
9. TELEVIDEO 950	OA. TRIFORMATION	OB. HP 2645A (2642)
OC. VT 100/TAB (ANSI)	OD. LSI ADM 3A	OE. LSI ADM 5
OF. FREEDOM 100	20. ADDS CONSUL 520	11. HDS 108

12. HP 2621 A/P	13. PERKIN-ELMER 1251	14. CODEX
15. ADDS (REGENT)	16. GRAPHICS	17. HONEYWELL (VIP7800)
18. TI 940	19. FALCO TS-1	

Select Brand:

Step 3 Enter the number adjacent to the terminal type that describes your CRT or the CRT you are emulating. VTAM will respond with "ENTER APPLICATION ID".

Step 4 Enter application ID. At this point the operation of the terminal will be essentially the same as in the past.

Step 5 If the terminal is a paper CRT set for half duplex operation, parity equal to even, (Ex. T.I. Silent 700) press "ESC", release it, then press the "ctrl" and "P" keys at the same time. Protocol Converter will respond with the following message:

Paper CRT option selected.

Step 6 Enter the application you wih to sign on to, i.e., SY1TSO, SY1COMP.

Step 7 Control is now given to the application program.

If there are questions or difficulties, please contact Terry Mills at 533-7979 or the Network Control Center at 533-5253.